

FILING BY "EXPRESS MAIL" UNDER 37 CFR 1.10

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE PCT NATIONAL STAGE APPLICATION OF
BAGUTTI ET AL.

INTERNATIONAL APPLICATION NO: PCT/EP03/11382

FILED: 14 OCTOBER 2003

U.S. APPLICATION NO: 10/528,439

35 USC §371 DATE: Not Yet Known

FOR: METHODS FOR DETECTING TENEURIN SIGNALLING AND
RELATED SCREENING METHODS

Mail Stop: Amendment
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Applicants believe this paper is being filed before the mailing date of a first Office Action on the merits. Under 37 C.F.R. §1.97(b)(3), no fees are required. If a fee is deemed to be required, the Commissioner is hereby authorized to charge such fee to Deposit Account No. 19-0134.

In accordance with 37 C.F.R. §1.56, applicants wish to call the Examiner's attention to the references cited on the attached form(s) PTO-1449.

The asterisked references were cited in the International Search Report. Since copies of said references were forwarded by the International Bureau, only copies of the non-asterisked references, which were cited in a search report (copy enclosed) in a corresponding British application, are enclosed.

Some of the listed references were cited in a search report in a corresponding British application. Copies of these references and the search report are enclosed herewith.

The PTO did not receive the following
listed item(s) with the mark *
that indicated in form 1449.

The Examiner is requested to consider the foregoing information in relation to this application and indicate that each reference was considered by returning a copy of the initialed PTO 1449 form(s).

Respectfully submitted,

Novartis
Corporate Intellectual Property
One Health Plaza, Building 104
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John T. Prince
Attorney for Applicants
Reg. No. 43,019

Date: October 27, 2005

FORM PTO-1449
(REV. 7-85)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCK NO.
1-32724A
APPLICATION NO.
10/528,439
APPLICANT
BAGUTTI ET AL.
FILING DATE
APRIL 7, 2005

Sheet 1 of 4

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

Group

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO	
*	AM	WO 03093305 *	11/03	PCT			<input type="checkbox"/>	<input type="checkbox"/>
	AN						<input type="checkbox"/>	<input type="checkbox"/>
	AO						<input type="checkbox"/>	<input type="checkbox"/>
	AP						<input type="checkbox"/>	<input type="checkbox"/>
	AQ						<input type="checkbox"/>	<input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

	AR	Aruga, et al. "The mouse zic gene family", J. of Bio. Chem., Vol. 271, pp. 1043-1047 (1996)
	AS	Aruga, et al., "Zic1 promotes the expansion of dorsal neural progenitors in spinal cord by inhibiting neuronal differentiation", Develop. Bio., Vol. 244, pp. 329-341 (2002)
*	AT	Bagutti, et al., "The intracellular domain of teneurin 2 has a nuclear function and represses zic-1-mediated transcription", J. of Cell Sci., Vol. 116 (2003) *

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609: Draw a line through citation if not in conformance and not considered. Include a copy of this form with the next communication to applicant.

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ATTY. DOCK [REDACTED]
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INITIAL

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent pages, Etc.)

DA	✓	Aruga et al., "Zic 2 controls cerebellar development in cooperation with zic 1", Journal of Neuroscience, Vol. 22, pp. 218-225, (2002)
DB		Baumgartner et al., "Ten-a, a Drosophila gene related to tenascin, shows selective transcript localization", Mech. Of Develop., Vol. 40, pp. 165-176, (1993)
DC	✓	Baumgartner et al., "Ten-m, a Drosophila gene related to tenascin, is a new pair-rule gene", EMBO Journal, Vol. 13, pp. 3728-3740, (1994)
DD	✓	Ben-Zur et al., "The mammalian odz gene family: Homologs of a drosophila pair-rule gene with expression implying distinct yet overlapping developmental roles", Develop. Biol., Vol. 217, pp. 107-120, (2000)
DE	✓	Brown et al., "Regulated intramembrane proteolysis: a control mechanism conserved from bacteria to humans", Cell, Vol. 100, pp. 391-398, (2000)
DF	✓	Dgany et al., "The Drosophila doz/ten-m gene encodes a type I, multiply cleaved heterodimeric transmembrane protein," biochem. J., Vol. 363, pp. 633-643, (2002)
DG	✓	Doucas et al., "The PML nuclear compartment and cancer", Biochimica et Biophysica Acta, Vol. 1288, pp. M25-M29, (1996)
DH	✓	Doucas et al., "The PML-retinoic acid receptor α translocation converts the receptor from an inhibitor to a retinoic acid-dependent activator of transcription factor AP-1", Proc. Natl. Acad. Sci. USA, Vol. 90, pp. 9345-9349, (1993)
DI	✓	Ebinu et al., "A RIP tide in neuronal signal transduction", Neuron, Vol. 34, pp. 499-502, (2002)
DJ	✓	Furushima et al., "A new murine zinc finger gene, Opr", Mechanics of Development, Vol. 98, pp. 161-164, (2002)
DK	✓	Kostic et al., "Isolation and characterization of sixteen novel p53 response genes", Oncogene, Vol. 19, pp. 3978-3987, (2000)
DL	✓	Levine et al., "Expression of the pair-rule gene odd Oz (odz) in imaginal tissues", Developmental Dynamics, Vol. 209, pp. 1-14, (1997)
DM	✓	Levine et al., "odd Oz: a novel drosophila pair rule gene", Cell, Vol. 77, pp. 587-598, (1994)
DN	✓	Lewis et al., "Neurofibrillary tangles, amyotrophy and progressive motor disturbance in mice expressing mutant (P301L) tau protein", Nature Genetics, Vol. 25, pp. 402-405, (2000)

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DA	Mandai et al., "Ponsin/SH3P12: an 1-Afadin-and Vinculin-binding protein localized at cell-cell and cell-matrix adherens junctions", Journal of Cell Biology, Vol. 144, pp. 1001-1017, (1999)
DB	Mieda et al., "Compartmentalized expression of zebrafish ten-m3 and ten-m4, homologues of the Drosophila ten-m/odd Oz gene, in the central nervous system", Mechanisms of Development, Vol. 87, pp. 223-227, (1999)
DC	Minet et al., "Phylogenetic analysis of teneurin genes and comparison to the rearrangement hot spot elements of E. coli", Gene, Vol. 257, pp.87-97, (2000)
DD	Minet et al., "Teneurin-1, a vertebrate homologue of the drosophila pair-rule gene Ten-m, is a neuronal protein with a novel type of heparin-binding domain", Journal of Cell Science, Vol. 112, pp. 2019-2032 (1999)
DE	Oohashi et al., "Mouse Ten-m/Odz is a new family of dimeric type II transmembrane proteins expressed in many tissues", Journal of Cell Biology, Vol. 145, pp. 563-577, (1999)
DF	Otaki et al., "Neurestin: putative transmembrane molecule implicated in neuronal development", Developmental Biology, Vol. 212, pp. 165-181, (1999)
DG	Ribbon et al., "A role for CAP, a novel, multifunctional Src homology 3 Domain-containing protein in formation of actin stress fibers and focal adhesions", Journal of Biological Chemistry, Vol. 273, pp. 4073-4080, (1998)
DH	Rubin et al., "Teneurins: a novel family of neuronal cell surface proteins in vertebrates, homologous to the drosophila pair-rule gene product ten-m", Developmental Biology, Vol. 216, pp. 195-209, (1999)
* DI	Rubin, et al., "Teneurin 2 is expressed by the neurons of the thalamofugal visual system in situ and promotes homophilic cell-cell adhesion in vitro", Develop., Vol. 129, (2002)
DJ	Salero et al., "Transcription factors Zic1 and Zic2 bind and transactivate the apolipoprotein E gene promoter", Journal of Biological Chemistry, Vol. 276, pp. 1881-1888, (2001)
DK	Salomoni et al., "The role of PML in tumor suppression", Cell, Vol. 108, pp. 165-170, (2002)
DL	Seeler et al., "The PML nuclear bodies: actors or extras?", Current Opinion in Genetics & Development, Vol. 9, pp. 362-367, (1999)
DM	Tucker et al., "The expression of teneurin-4 in the avian embryo", Mechanics of Development, Vol. 98, pp. 187-191, (2000)
DN	Tucker et al., "Teneurin-2 is expressed in tissues that regulate limb and somite pattern formation and is induced in vitro and in situ by FGF8", Developmental Dynamics, Vol. 220, pp. 27-39, (2001)

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DA	Wang et al., "Identification of novel stress-induced genes downstream of chop", EMBO Journal, Vol. 17, pp. 3619-3630, (1998)
DB	Zhong et al., "The transcriptional role of PML and the nuclear body", Nature Cell Biology, Vol. 2, pp. E85-E90, (2000)
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